

Series 5C Assembly Instructions

Railing Setup

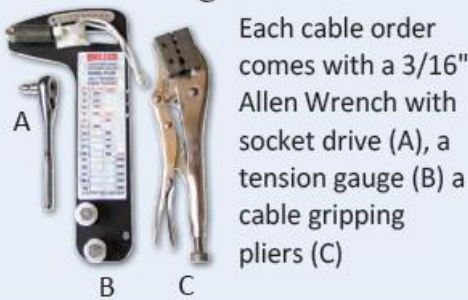
- Posts and rail configurations are delivered pre-assembled with cables pre-threaded to the extent that shipping restrictions allow. For any unassembled sections, simply insert top and bottom railing into attached brackets on corresponding posts and attach via provided epoxy. Finally, locate the positions for the posts and fasten down the system



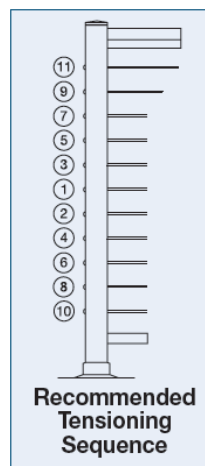
Tools

- All tools required for railing setup, cable assembly, and cable tensioning are to be provided in the form of a Cable Railing Tool Kit with each cable railing order.

Cable Railing Tool Kit



- After all cables have been installed, tension each cable to approximately 250 lbs.
- Follow recommended tensioning sequence diagram, beginning with the cable nearest the center of the post
- Lock the cable gripping pliers on the cable approximately 1/4" from the post to prevent the cable from twisting and insert Allen Wrench into the tension receiver



- Next place the tension gauge on the cable you are tensioning with the cable running between the two nylon spools. Pull the lanyard downward until the nylon slider can be hooked onto the cable.
- Read the needle position on the scale and refer to the calibration table to determine the tension. The gauge can be left on the cable for "hands free" adjustment.
- Hold the cable gripping pliers with one hand and turn the Allen Wrench with the other until the correct tension is achieved.
- Go back and double check the tension of each cable, as tensions may change as each cable is continuously tightened.



Cable Assembly

- Un-attached cables will come cut to length with fittings already swaged on. Each cable will be fitted with a tensioning stud or radius ferrule.
- Feed the cable through the pre-drilled holes in any intermediate posts towards the end post with 1/4" pre-drilled holes
- Feed the cable through the end post
- Pull the cable back through the hole until the radius ferrule stops the cable from sliding further by virtue of running into the starting post
- In some instances, an adjusta sleeve will be placed on the end of a cable and need to be utilized (such as a corner post). In these instances, begin the process by screwing the sleeve into the pre-drilled post openings. Next proceed as noted in the above steps. If no adjusta sleeves are needed proceed to step 6.
- Repeat steps 1-5 for each cable. Once all cables are properly placed, proceed to step 7.
- Next, install the tension ends of each cable. Slide the black washer over the body of the tension receiver, then feed the receiver through the hole in the back of the post with 1/2" pre-drilled holes.
- Feed the tension stud through the end post to meet the receiver. By hand, screw the receiver onto the tension stud at least 6 full turns
 - Note: Do not tension the cables completely until all the cables have been installed between the end posts**
- Repeat these steps until each cable has been hand tightened. After all cables are hand tightened, proceed to step 1 in the Cable Tensioning section.

